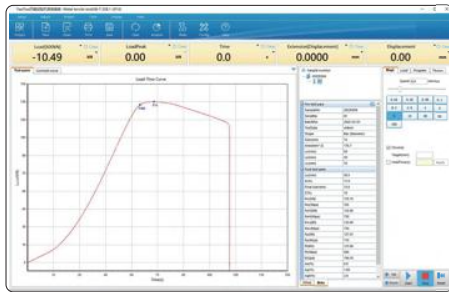


HYDRAULIC UNIVERSAL TESTING MACHINES

CUSTOMIZABLE

INSPECTION
CERTIFICATE



computer and software (included)



UTM-H600B

- For testing and researching the mechanical properties such as tension, compression, bending, shear
- With full digital closed-loop control system, realizing three-closed-loop control of force, displacement and deformation, with freely combinable control modes
- The main frame worktable, crossbeam and lead screws are all made of high-quality carbon steel with excellent structural stiffness



acrylic safety guard (optional)



steel wire safety guard safety guard (optional)



perforated steel plate safety guard (optional)

SPECIFICATION

Code		UTM-H300B	UTM-H600B	UTM-H1000B	UTM-H2000B	UTM-H3000B
Max. test force		300kN	600kN	1000kN	2000kN	3000kN
Accuracy class		1 class				
Accuracy of test force		±1%				
Range of test force		2%~100%FS				
Resolution of test force		1/300000FS				
Deformation measurement device		extensometer				
Range of deformation		1%~100%FS				
Accuracy of deformation		±1%				
Resolution of deformation		1/300000FS				
Accuracy of displacement		±1%				
Resolution of displacement		0.01mm				
Range of displacement		200mm				
Range of piston speed adjustment		0.01~100mm/min			0.01~50mm/min	
Maximum tensile space (including piston stroke)		600mm	600mm	680mm	900mm	1200mm
Maximum compression Space (including piston stroke)		500mm	500mm	560mm	750mm	1100mm
Effective test width		500mm	500mm	560mm	730mm	860mm
Safety protection device		software protection and mechanical limit protection				
Tensile fixture	clamping range of flat jaw*	0~15mm	0~15mm	0~40mm	10~70mm	10~90mm
	clamping range of V-jaw*	Ø10~Ø32mm	Ø13~Ø40mm	Ø13~Ø40mm	Ø15~Ø80mm	Ø25~Ø80mm
Compression fixture*		Ø188mm	Ø188mm	Ø208mm	Ø208mm	Ø280mm
Power supply		AC 380V, 3Ø 50Hz, 2.5kW	AC 380V, 3Ø 50Hz, 3.0kW	AC 380V, 3Ø 50Hz, 3.0kW	AC 380V, 3Ø 50Hz, 3.75kW	AC 380V, 3Ø 50Hz, 5.5kW
Dimension (L×W×H)	host	800×620×1900mm	820×650×2000mm	940×780×2250mm	1317×1124×3220mm	1800×1160×3950mm
	oil source	1140×600×855mm				
Net weight	host	1800kg	2000kg	2800kg	8000kg	12600kg
	oil source	240kg				

*Can be customized according to test requirements

STANDARD DELIVERY

Main unit	1 pc
Oil source	1 pc
Control box	1 pc
Measuring software	1 set
Extensometer (UTM-EX50-10)	1 pc
Tensile fixture	1 set
Compression fixture	1 set
Safety guard	1 set
Computer	1 pc
Printer	1 pc

OPTIONAL ACCESSORY

Acrylic safety guard	≤1000kN	UTM-H-COVER1
Steel wire safety guard		UTM-H-COVER2
Perforated steel plate safety guard		UTM-H-COVER3
Extensometer	UTM-EX series (customizable)	